BRIEF DESCRIPTION OF THE DRAWINGS

- Fig. 1 is a block diagram of the air conditioner control system of this invention.
- Fig. 2 is an illustration of a graph of a typical prior art thermostat system for an air conditioner.
- Fig. 3A is an illustration of a bar chart for cooling time in designated temperature ranges.
- Fig. 3B is an illustration of a graph of cooling load and air conditioner capacity for specified temperatures.
- Fig. 3 is an illustration of a graph of coefficient of performance of air conditioners for specified temperatures.
- Fig. 4 is an illustration of a graph of residential load and utility system peak.
- Fig. 5A is a data format for a lookup table for a three-level cooling system.
- Fig. 5B is a data format for a lookup table for warming rates to calculate cooling time constants.
- Fig. 6A is an illustration of a graph of approximate time and temperature contents.
- Fig. 6B is an electrical diagram for approximating cooling time constants in a structure.
- Fig. 7 is a block diagram for an air conditioning system of this invention in normal mode of operation.
- Fig. 8A is a block diagram of the system in Fig. 7 in peak reduction mode